

DIGITAL FLOWMETER

ABSTRACT

A flowmeter includes a vibratable conduit, a driver connected to the conduit and
5 operable to impart motion to the conduit, and a sensor connected to the conduit and operable
to sense the motion of the conduit. A control and measurement system is connected to the
driver and the sensor. The control and measurement system includes circuitry to receive a
sensor signal from the sensor, generate a drive signal based on the sensor signal, supply the
drive signal to the driver, and generate a measurement of a property of material flowing
10 through the conduit based on the sensor signal.

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